HIGHLY EFFICIENT ENCODING SYSTEM OF PICTURE DATA

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Abstract of **JP60012865**

PURPOSE:To encode various matrixes in an extremely wide range by the same method by encoding these matrixes on the basis of the periodicity of the matrixes arranged two-dimensionally. CONSTITUTION:Input binary signals Y(2), M(2), C(2), Bl(2) are accumulated in a line memory 33, an address signal from a reference point ROM35 is added to an output from the ROM35 or a moving vector signal IV obtained by the transfer of a control signal by an adder 34 and the contents of the memory 33 are read out by using the added signal as an address signal. A coincidence deciding circuit 37 decides the coincidence between a forecasting signal read out from a forecasting ROM36 by using the read out contents as an address signal and the input binary signal and outputs forecasting error signals Y(e), M(e), C (e), Bl(e) as the binary signals of the coincidence or inconsistency. At the time of binary encoding, a periodically arranged dither matrix is used as a threshold and a reference picture element is determined in accordance with the periodical arrangement of the dither matrix.
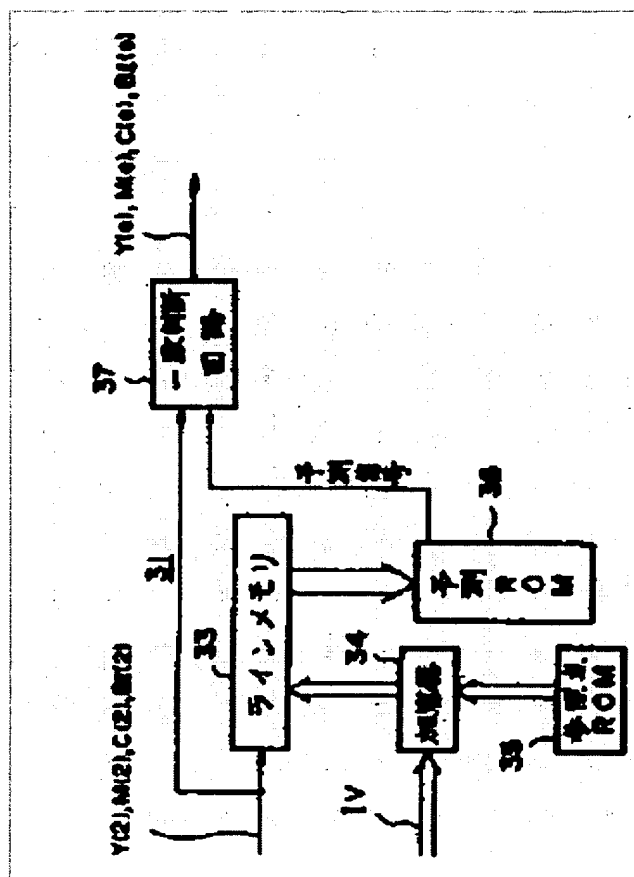
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Family list
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1   **HIGHLY EFFICIENT ENCODING SYSTEM OF PICTURE DATA**
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